



NITFS Compliance Registration



Product: ELT/3500

Sponsor: Overwatch Systems Boston Operations

Developer: Overwatch Systems Boston Operations

Date: 30 April 2007

Expiration: 29 April 2009

Registration #: 2054

- ☐ Initial Registration
☒ Supplemental/Update # 203#
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

| Complexity Level | | | | | | | |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL | | | | | | | |
| | 3 | 5 | 6 | 7 | | | |
| Interpret | | | | | | | |
| Generate | | | | | | | |
| NITF 2.0 CLEVEL | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret | | | | | | | |
| Generate | | | | | | | |

Configurations Tested:
- Windows XP

NITFS Features Implemented:

Format

- NITF**
☒ V2.1
☒ V2.0
☒ V1.1
NSIF
☒ V1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☒ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
☒ CGM, 2301
☒ CGM, 2301A
☒ Labels **

Text Segments

- ☒ STA
☒ UT1
☒ U8S
☒ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☒ MULTI
☒ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☒ JPEG Downsample
☒ JPEG Lossless
☒ JPEG 2000
☒ Bi-Level
☒ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☒ Registered Extensions **

Tagged Record Extensions

- ☒ CSDE
☒ DIGEST GeoSDE
☒ RPF
☒ NCDRD
☒ PIAE
☒ ICHIPB
☒ J2KLRA
☒ BANDSB
☒ IOMAPA
☒ RPC00B

Legend

- Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.